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PTO/SB/21 (08-00)

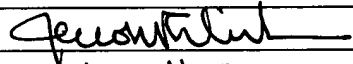
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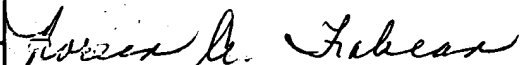
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	09/929,995
	<b>Filing Date</b>	August 15, 2001
	<b>First Named Inventor</b>	Noah J. Ternullo
	<b>Group Art Unit</b>	2155
	<b>Examiner</b>	Ayaz R. Sheikh
<b>Total Number of Pages in This Submission</b>	<b>Attorney Docket Number</b>	12078-142

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Formal Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney or Authorization of Agent  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Form PTO-1449 with copies of cited references; return receipt postcard.</b>
<b>Remarks</b>		<b>Received</b>  <b>AUG 1 9 2002</b>  <b>Technology Center 2100</b>

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Jacob N. Erlich, Reg. No. 24,338
Signature	
Date	AUG 16, 2002

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Lawrence B. Taber

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Noah J. Ternullo et al.

Serial Number: 09/929,995

Filed: August 15, 2001

For: METHOD AND APPARATUS FOR DELIVERING SERVICES IN A CONSTRAINED ENVIRONMENT

Examiner: Ayaz R. Sheikh

Group Art Unit: 2155

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To: Examiner Ayaz R. Sheikh  
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c/o Receptionist  
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**Received****AUG 19 2002**

Technology Center 2100

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement (Form PTO-1449) (including copies of references) is submitted under 37 CFR 1.97(b)(3).

**REMARKS**

Applicant submits herewith an Information Disclosure Statement under 37 CFR 1.97(b)(3) before the mailing of a first office action on the merits. In view thereof, no fee is required, however, in the event fees are required please charge any underpayment of fees to or credit any overpayment of fees to Deposit Account No. 03-2410, Order No. 12078-142.

The following information is presented in the event that a call may be deemed desirable by the Examiner:

JACOB N. ERLICH (617) 854-4000.

Respectfully submitted,  
Noah J. Ternullo et al., Applicants

Dated: AUG 16, 2002

By: Jacob N. Erlich  
Jacob N. Erlich, Reg. No. 24,338  
Attorney for Applicants

**FORM PTO-1449**  
**U.S. DEPARTMENT OF COMMERCE**  
**PATENT AND TRADEMARK OFFICE**

APPLICATION SERIAL NO.: 09/929,995

GROUP ART UNIT: 2155

APPLICANTS: Noah J. Ternullo et al.

EXAMINER: Ayaz R. Sheikh

FILING DATE: August 15, 2001

CONFIRMATION NO.: 9105

**U.S. PATENT DOCKETS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB- CLASS	FILING DATE IF APPROPRIATE
	6,108,703	8/22/2000*	Leighton et al.	709/226	5/19/1999
	6,085,030	7/4/2000*	Whitehead et al.	395/200.33	5/2/1997
	6,064,502	5/16/2000*	Burns et al.	359/152	8/25/1997
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	5,969,678	10/19/1999*	Stewart	342/457	11/4/1998
	5,966,225	10/12/1999*	Taglione et al.	359/152	11/12/1996
	6,092,120	7/18/2000*	Swaminathan et al.	709/247	6/26/1998
	5,986,787	11/16/1999*	Ohshima et al.	359/159	3/14/1997
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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	APPLICANT NAME	CLASS/SUB- CLASS	TRANSLATION	
					YES	NO
	PCT/US01/25593	8/15/2001	Lockheed Martin Corporation			No
	WO 02/15438 A1	2/21/2002	Lockheed Martin Corporation			No

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, etc.)

	Noah J. Ternullo et al., US Patent Application S/N: 09/930,421 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR INFRARED DATA COMMUNICATION (Attorney Docket No. 12078-139).
	Noah J. Ternullo et al., US Patent Application S/N: 09/930,004 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR RELIABLE UNIDIRECTIONAL COMMUNICATION IN A DATA NETWORK (Attorney Docket No. 12078-140).
	Noah J. Ternullo et al., US Patent Application S/N: 09/929,979 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR DETERMINING THE CONTEXT OF A HANDHELD DEVICE (Attorney Docket No. 12078-141).
	Noah J. Ternullo et al., US Provisional Patent Application S/N: 60/225,349 filed 8/15/2000 Entitled InfoFlo: A COMMONICATION INFRASTRUCTURE FOR PUSHING CONTEXT TO A MOBILE PDA.
	John Cox, "WideRay Beams Data to Handhelds", Network World, May 27, 2002; pages 15 and 18.*

\* If any such item is considered sufficiently relevant by the Examiner to the present invention, its possible "prior art" status against the present invention should be considered individually allowing for the prospect of Applicants' swearing back or other priority determination.

**EXAMINER****DATE CONSIDERED**